



**Public Workshop for:
Paint and Varnish Strippers and Graffiti Removers
Containing N-Methylpyrrolidone (NMP)**

September 18, 2018

9:00 AM – 12:00 PM



Department of Toxic Substances Control



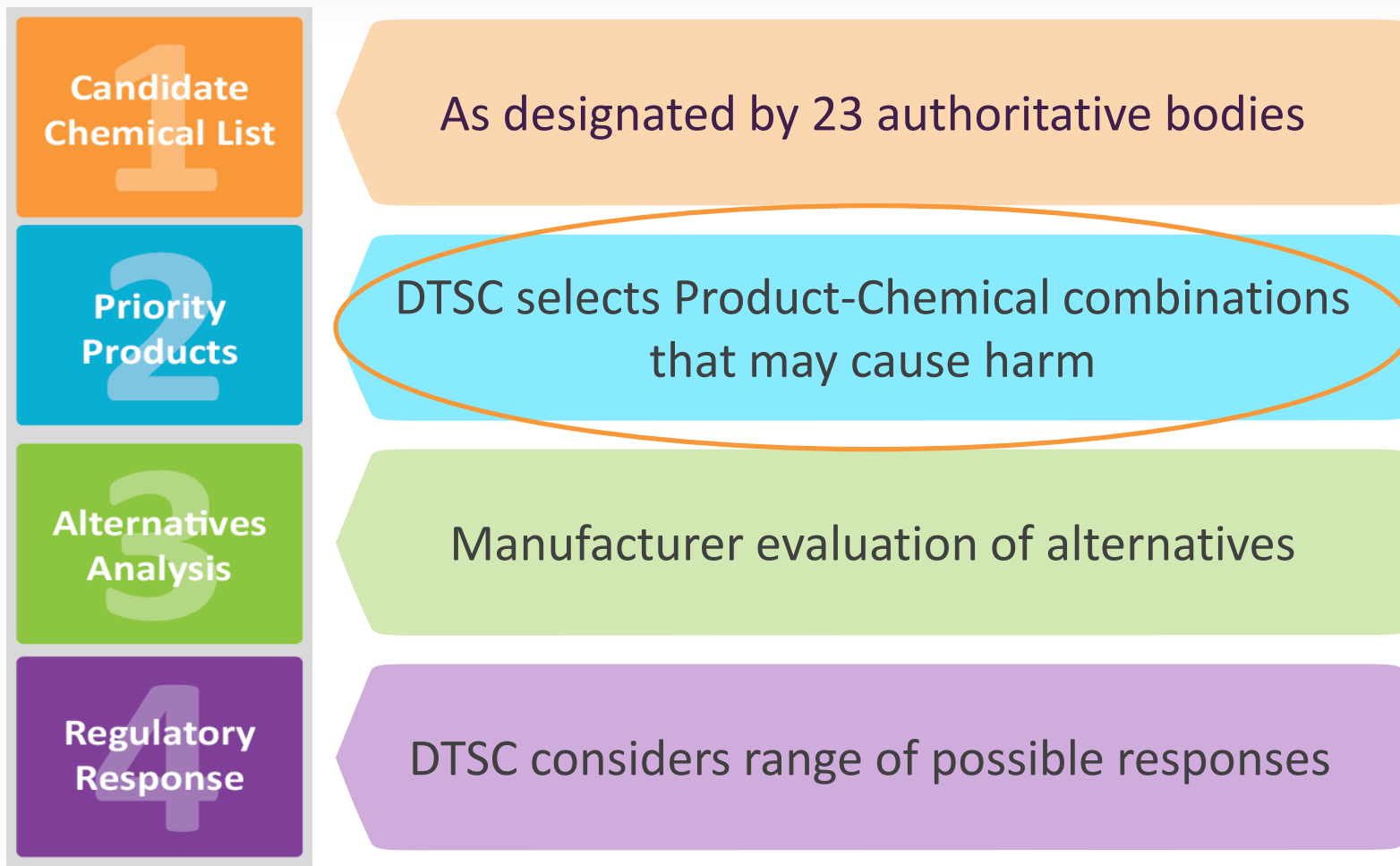
CalEPA

Thank you for participating

- You may access today's presentation on the DTSC Safer Consumer Products Workshops and Webinars page at:
<https://www.dtsc.ca.gov/SCP/Workshops.cfm>
- For those of you participating today by webinar, you may ask questions or make comments via the webinar chat box.
- You may access the technical profile for paint strippers and graffiti removers containing NMP and provide written comments via the CalSafer website at:
<https://calsafer.dtsc.ca.gov/cms/commentpackage/?rid=12741>



Safer Consumer Products framework





Paint and Varnish Strippers and Graffiti Removers Containing N-methylpyrrolidone (NMP)

Rob Brushia, Ph.D., Research Scientist
Safer Products and Workplaces Program



Department of Toxic Substances Control



CalEPA

Today's Topics

- Why paint and varnish strippers and graffiti removers with NMP?
 - Product description
 - Exposure considerations
 - Hazard considerations
- Request for stakeholder input



Proposed Product Definition

- Any product that may be marketed, sold, or described as a chemical substance or formulation designed to break down paint or varnish to facilitate its complete removal from a surface, or, in the case of graffiti removers, to remove any unwanted markings or vandalism-related markings from any surface without damaging the underlying finished surface.



Why NMP?

- Hazard Considerations

- Strong evidence for developmental toxicity*
- Suggestive evidence for reproductive toxicity*
- May harm skin
- May damage eyes
- Adverse neurological effects
- Sensitive subpopulations may include children, pregnant women, and workers.

**See California Code of Regulations, title 22, sections 69402.6(a) and 69402.6(b)(5)*



Why Paint Strippers?

■ Exposure Concerns

- Paint strippers are widely available to consumers in California (although we don't know the exact percentage that have NMP).
- There is a potential risk of NMP exposure to consumers and workers during use.
- Commonly used gloves (e.g., natural rubber, nitrile, or polyethylene) may not provide adequate protection.



Summary

- There is a significant potential for exposure to NMP during the use of paint and varnish strippers and graffiti removers containing NMP.
- There is a potential for these exposures to contribute to or cause widespread or significant adverse impacts on human health.
- Children, pregnant women, women of child-bearing age, and workers may be especially susceptible to adverse effects from NMP exposure.



Discussion Questions

- Who manufactures paint strippers and graffiti removers with NMP internationally, nationally, and in California?
- How much paint stripper and graffiti remover with NMP is sold in California and to whom (e.g., home do-it yourselfers, businesses, local government maintenance operations)?
- How much paint stripper and graffiti remover is used by businesses, and which businesses use these products?



Discussion Questions

- How frequently are paint strippers with NMP used by the following, and for how long (i.e., average duration of use):
 - The average do-it yourselfer?
 - Workers?
- Are there viable safer alternatives to the use of NMP in these products?
- Is there any additional information DTSC should consider that is not presently contained in our draft profile?



Comment Period

- -We will now begin the discussion period.
- -You may submit written comments until 11:59 PM on October 1, 2018. You can submit your comments at:
<https://calsafer.dtsc.ca.gov/cms/commentpackage/?rid=12741> .
- -If you have general questions, feel free to contact me:
- Rob Brushia
- 916-324-0805
- Robert.brushia@dtsc.ca.gov

Thank you.

